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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/935,636	08/24/2001	Kazuya Umeyama	110462	1382
25944	7590	12/02/2005	EXAMINER	
OLIFF & BERRIDGE, PLC			YE, LIN	
P.O. BOX 19928				
ALEXANDRIA, VA 22320			ART UNIT	PAPER NUMBER

2615

DATE MAILED: 12/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/935,636

Applicant(s)

UMEYAMA, KAZUYA

Examiner

Lin Ye

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Anderson U.S. Patent 6,215,523.

Referring to claim 1, the Anderson reference discloses in Figures 1, 5A-B and 6, an electronic camera (110, see Col. 3, lines 57-60) comprising: an image-capturing device (114, see Col. 3, lines 60-65) that captures an image of a subject and generates first image data (e.g., higher-resolution compressed image data 604 as the first image data that is the actual data comprising the full-sized captured image, preferably 640x480 pixels, see Col. 7, lines 40-47); a display device (LCD 402) that displays an image; a display image generating device that generates second image data (e.g., the scrennail image 608 as the second image data that is preferably 288x216 pixels and display-sized and fills the visible area of LCD screen 402, see Col. 7, lines 60-65), which have a smaller number of pixels than said first image data and correspond to a display resolution at said display device, based upon said first image data; a recording device (memory 354) that records said first image data and said

second image data into a recording medium (e.g., as shown in Figure 6, the image file 600 includes the first image data 604 and second image data 608 stored in memory 354, see Col. 10, lines 27-28); and a control device (left/right control buttons 410 and computer 118) that first reads said second image data when reading said first data from said recording medium and displays on said display device an image based upon said second image data which have been read (e.g. the scrennail image 608 contained in the image file 600 is first decompressed and displayed on the LCD 402, see Col. 8, lines 26-38).

Referring to claim 2, the Anderson reference discloses a reproduction instruction device (e.g., mode dial 420 switched to play modes, see Col. 7, lines 10-16) that issues an instruction to reproduce an image based upon image data recorded in said recording medium, wherein: said control device (left/right buttons 410, see Col. 13, lines 20-25) starts reading said second image data and said first image data recorded in said recording medium in response to a reproduction instruction issued by said reproduction instruction device as shown in Figure 11B-D (See Col. 13, lines 5-40)

Referring to claim 3, the Anderson reference discloses wherein: said a recording device (354) records said first image data (604) and said second image data (608) in a single image file (600) in said recording medium as shown in Figure 6 (See Col. 10, lines 27-28).

Referring to claim 4, the Anderson reference discloses wherein: said control device (410) sustains display of the image based upon said second image data at said display device even after the read of said first image has been completed (e.g., scrennail images 608 are continually displayed in the LCD screen 402 until the user releases the buttons 410, see Col. 13, lines 20-25).

Referring to claim 5, the Anderson reference discloses a thumbnail image generating device that generates thumbnail image data (thumbnail image 606 has 80x60 pixels), which have a smaller number of pixels than said second image data (608), based upon said first image data, wherein: said recording device (354) records said first image data, said second image data and said thumbnail image data (as image file 600 shown in Figure 6) into the recording medium.

Referring to claim 6, the Anderson reference discloses an enlargement (e.g., decompression) instruction device that issues an instruction for enlarged display of an image reproduced and displayed at said display device (the first image data 604 decompressed, See Col. 13, lines 34-40), wherein: said control device invalidates said instruction for enlarged display of the reproduced and displayed image issued by said enlargement instruction device while reading said first image data is in progress (e.g., if the resolution of the second image data 608 matches or surpasses the resolution of LCD screen, the first image data 604 will not display, see Col. 13, lines 41-60).

Referring to claim 7, the Anderson reference discloses wherein: said control device displays a plurality of thumbnail images (in review mode) at said display device by reading a plurality of sets of thumbnail image data recorded in said recording medium, reads second image data before reading first image data corresponding to a thumbnail image selected from said plurality of thumbnail images on display and displays said second image data at said display device as shown in Figure 8 (See Col. 8, lines 20-38).

Referring to claim 8, the Anderson reference discloses all subject matter as discussed with respected same comments to claim 1.

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Referring to claim 9, the Anderson reference discloses all subject matter as discussed with respected same comments to claim 1.

Referring to claim 10, the Anderson reference discloses all subject matter as discussed with respected same comments to claim 1.

Referring to claim 11, the Anderson reference discloses all subject matter as discussed with respected same comments to claim 1.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - a. Anderson et al. U.S 6,313,877 discloses a system and method for managing display formats.
 - b. Terane et al. U.S. 6,734,909 discloses an electronic imaging device has a reproduction section which reproduces at least one of a thumbnail image and a full image.
 - c. Shiohara et al. U.S. 6,445,412 discloses a high-speed image selecting method for selecting an image photographed by a digital camera.
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lin Ye whose telephone number is (571) 272-7372. The examiner can normally be reached on Mon-Fri 8:00AM-5:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Ometz can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Lin Ye', with a stylized, cursive script.

Lin Ye
Examiner
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November 30, 2005